Embedded System   MS-9A55

WindBOX III Plus

Slim, Fanless System with
Intel® Ivy/Sandy Bridge Processor

NEW

HDMI DVI-I 2 x Gigabit LAN Headphone

4 x USB 2.0 Mic Antenna

Power Input (DC 19V)

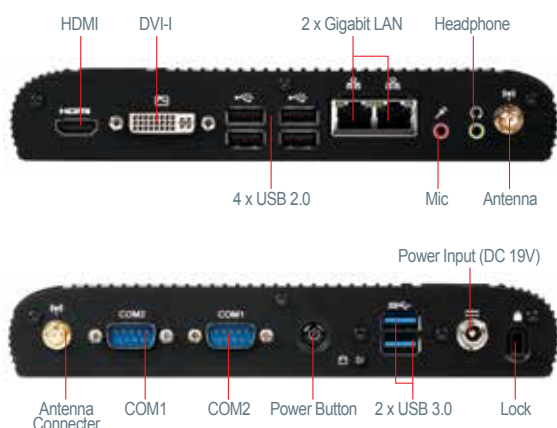Antenna Connecter COM1 COM2 Power Button 2 x USB 3.0 Lock

Features

• Slim and fanless system design with Mini-ITX board
• Great 3D graphic performance with high definition up to 1080p
• Dual independent displays with multiple video outputs (HDMI, DVI-I)
• Support DirectX10, Shader Model 4.0, and Intel® Clear Video Technology
• Mini-PCIe slots for WiFi, 3G, or mSATA cards
• Removable bottom cover for easy mini-PCIe access (memory, HDD, or WiFi/3G installation)
• Support 2 x Intel GbE LAN; 2 x USB 3.0
• Support iAMT function

Ordering Information

Part Number	Description
9S9-9A55-001	827E,320GB HDD, 2G memory, WiFi+BT AW-NB114 module, USA power cord
9S9-9A55-002	827E, 320GB HDD, 2G memory, WiFi+BT AW-NB114 module, EU power cord
9S9-9A55-003	i5 2467M, 320GB HDD, 2G memory, WiFi+BT AW-NB114 module, USA power cord
9S9-9A55-004	i5 2467M, 320GB HDD, 2G memory, WiFi+BT AW-NB114 module, EU power cord

Packing List

Part Number	Description
E22-9A25031-C22	VESA Mounting Bracket
K33-3001021-I45	Power Cord, EUROPE
K33-3001021-I45	Power Cord, USA
S79-0000360-V03	RF Antenna
S93-0401330-S14	Adaptor
G71-SEDC076-J24	Driver CD

Specifications

Category	Item	Value
System Processor	CPU	Intel® Core™ i7/i5/i3, Celeron Mobile processor
	CPU Type	Onboard
	Chipset	Intel® QM77/HM76 Express
	BIOS	AMI 64Mbit SPI
Memory	Technology	Dual-channel DDR3 1066/1333/1600MHz (non-ECC)
	Max. Capacity	Up to 16GB
	Socket	2 x 204-pin SO-DIMMs
Graphic	Graphic Controller	Intel® HD Graphics
	Display Mode	2 independent displays supported DVI-I + HDMI
Ethernet	Controller	1 x Intel® 82579LM GbE LAN PHY 1 x Intel® I210AT GbE LAN
Audio	Controller	Realtek® ALC886/888S HD Audio Codec
H/W Monitor	Watchdog Timer	255-level Watchdog Timer
	Smart Fan	N/A
TPM	Controller	Infineon SLB9635TT1.2
Expansion Slot	PCIe x 16	N/A
	PCIe x 4	N/A
	PCIe x 1	N/A
	PCI	N/A
	Mini-PCIe	2 x Mini-PCIe (1 x WiFi 802.11b/g/n with Bluetooth for optional)
Storage	SATA	1
	mSATA	1 (optional)
	CFast	N/A
	CompactFlash	N/A
Front I/O	RJ-45	2
	Audio	N/A
	USB	2 x USB 3.0
	Serial	2 x COM ports COM1: RS-232/422/485, 0V/5V/12V COM2: RS-232, 0V/5V/12V
	Parallel	N/A
	PS/2	N/A
	HDMI	N/A
	DVI	N/A
	VGA	N/A
	Antenna	1
Rear I/O	RJ-45	2
	Audio	1 x Mic-in 1 x Line-out
	USB	4 x USB 2.0
	Serial	N/A
	Parallel	N/A
	PS/2	N/A
	HDMI	1
	DVI	1 (DVI-I)
	VGA	N/A
	Antenna	1
Power Source	Power Adaptor	DC-in 19V/65W
	Power Supply	N/A
Environment	Operating Temperature	0 ~ 40°C
	Operating Humidity	10 ~ 90%, non-condensing
	Storage Temperature	-20 ~ 80°C
	Storage Humidity	10 ~ 90%, non-condensing
Physical Characteristics	Dimensions	196mm x 285mm x 33mm
	Weight	2.60 kg
	Installation	VESA mounting
Certification	EMC	FCC, CE, C-Tick, VCCI, BSMI
	Safety	TUV, CB, UL
Software Platform	Operating System Support	Windows 8, Windows 7, Windows XP, Linux Fedora 13